

May 5, 2006 Date

### CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: May 5, 2006 Name: Lawrence G, Almeda Signature:

BRINKS HOFER GILSON

In re /	l Appln. of:			ED STATES PAT	FENT AN	ND	TRAD	EMARK	OF	ICE	&LION	<u>=</u>
Appln	. No.:	10/620	,832					Examin Antione				
Filed:		July 16	, 2003	}				Art Uni	it:	1714		
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	e payment:  A check in the amount of \$ is enclosed.  Please charge Deposit Account No. 23-1925 in the amount of \$180.00. A copy of this Transmittal is enclosed for this purpose.  Payment by credit card in the amount of \$ (Form PTO-2038 is attached).  The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit											
☒	and any pat	tent appli ee require	cation ped to ea	processing fees und	der 37 CF	R	1.17 a	ssociated v	vith '	this pape	r (including	any

Respectfully submitted,

Lawrence G. Almeda (Reg. No. 46,151)



For:

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: ESIN GULARI ET AL.

Appln. No.: 10/620,832

Sanders

Art Unit: 1714

Filed: July 16, 2003

METHOD OF DELAMINATING A

GRAPHITE STRUCTURE WITH

A COATING AGENT IN A SUPERCRITICAL FLUID

Attorney Docket No: 10114-15 (WSU 03-636)

05/19/2006 BABRAHA1 00000010 10620832

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Examiner: Kriellion Antionette

# THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(c), Applicant hereby cites the following reference(s):

EXAMINER INITIALS	Cite No.	DOCUMENT NUMBER Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where, Relevant Passages or Relevant Figures Appear
	A1	2004/0106720 A1	06/03/2004	JEROME ET AL.	
	A2	2005/0014867 A1	01/20/2005	GULARI ET AL.	

### **FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No.	Foreign Patent Document Country Code, Number -Number- Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where, Relevant Passages or Relevant Figures Appear	т
	A3	DE 198 21 477 A1	11/18/1999	BASF AG		
	A4	DE 100 36 336 A1	02/07/2002	BAYER AG		
	A5	EP 1 247 829 A1	10/09/2002	UNIVERSITY OF LIEGE		

EXAMINER	NON PATENT LITERATURE DOCUMENTS				
INITIAL	(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial,				
	symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.				
	A6	Qian Zhao, et al., "Supercritical CO₂-Mediated Intercalation of PEO in Clay," July 9, 2003			
		(revised 8/01/2003), Macromolecules, Vol. 36, No. 19, pp. 6967-6969.			
	A7	Tomas Berglof, et al., "Metsulfuron Methyl Sorption—Desorption in Field-Moist Soils,"			
		May 2, 2003, J. Agric. Food Chem., Vol. 51, No. 12, pp. 3598-3603.			

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		Colloid and Interface Science 238, pp. 267-272.	1
	A12	Walter Fiddler, et al., "Potential Artifact Formation of Dioxins in Ball Clay During	l
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	A13	(Organoclays) by Supercritical Carbon Dioxide," Published on Web November 10, 2000,	l
		Ind. Eng. Chem. Res., Vol. 40, No. 1, pp. 364-368.	l
	A14	L. Morselli, et al., "Supercritical Fluid Extraction for the Determination of Petroleum	t
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		19, pp. 1615-1622.	Ţ
	A16	Lionel Spack, et al., "Comparison of Supercritical Fluid Extraction (SFE), Soxhlet and	
		Shaking Methods for Pendimethalin Extraction From Soils: Effect of Soil Properties and	
	ļ <u></u>	Water Content," © 1998, Journal of Contaminant Hydrology 33, pp. 171-185.	4
	A17	Shijiang Liang, et al., "Extraction of Petroleum Hydrocarbons from Soil Using Supercritical Argon," Febuary 1, 1998, Analytical Chemistry, Vol. 70, No. 3, pp. 616-622.	
<del></del>	A18	R. Montero-Vazquez, et al., "Kinetics of the Extraction of Pyrene Using Carbon Dioxide in	$\dagger$
	710	Dense Phase," February 20, 2002, (© 2003), Chemosphere 53, pp. 789-793.	
	A19	Mihaela Popovici, et al., "Ultraporous Single Phase Iron Oxide-Silica Nanostructured	Τ
	1	Aerogels from Ferrous Precursors," June 19, 2003 (published 2004), Langmuir, Vol. 20,	١
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	A20	Brady J. Clapsaddle, et al., "Siliicon Oxide in an Iron (III) Oxide Matrix: The Sol-Gel	
		Synthesis and Characterization of Fe-Si mixed Oxide Nanocomposites that Contain Iron	l
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	A21	Vol. 331, pp. 190-201.  Youhei Fujimoto, et al., "Well-Controlled Biodegradable Nanocomposite Foams: From	+
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	A22	Azusa Kameo, et al., "Preparation of Noble Metal Nanoparticles in Supercritical Carbon	t
		Dioxide," July 2, 2002 (accepted 9/26/2002), Colloids and Surfaces A: Physicochem.	
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	A23	Adam Zerda, et al., "Highly Concentrated, Intercalated Silicate Nanocomposites:	T
		Synthesis and Characterization," August 19, 2002 (published 2/11/2003),	
		Macromolecules, Vol. 36,	١
	1	pp. 1603-1608.	1

EXAMINER INITIAL		NON PATENT LITERATURE DOCUMENTS e name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, sium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	т
	A24	Jianxin Zhang, et al., "Preparation of a Poly (Methyl Methacrylate)/ Ultrahigh Molecular Weight Polyethylene Blend Using Supercritical Carbon Dioxide and the Identification of a Three-Phase Structure: An Atomic Force Microscopy Study," December 28, 2001 (published 10/05/2002), Macromolecules, Vol. 35, pp. 8869-8877.	
	A25	Maria F. Casula, et al., "FeCo-SiO₂ Nanocomposite Aerogels by High Temperature Supercritical Drying," March 28, 2002 (accepted 2/26/2002), Journal of Materials Chemistry, Vol. 12, pp. 1505-1510.	
	A26	LI. Casas, et al., "Silica Aerogel-Iron Oxide Nanocomposites: Structural and Magnetic Properties," 2001, Journal of Non-Crystalline Solids, Vol. 285, pp. 37-43.	
	A27	Catherine A. Morris, "Modifying Nanoscale Silica With Itself: A Method to Control Surface Properties of Silica Aerogels Independently of Bulk Structure," 2001, Journal of Non-Crystalline Solids, Vol. 285, pp. 29-36.	
	A28	Ken Johns, "Supercritical Fluids-A Novel Approach to Magnetic Media Production?," © 1999, Tribology International, Vol. 31, No. 9, pp. 485-490.	
	A29	James J. Watkins, et al., "Polymer/Metal Nanocomposite Synthesis in Supercritical CO <sub>2</sub> ," July 10, 1995 (received 9/27/1995), Chemistry of Materials, Vol. 7, No. 11, pp. 1991-1994.	
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	A32	K. Takahama et al., "Supercritical drying of SiO <sub>2</sub> -TiO <sub>2</sub> sol-pillared clays," 1992, Journal of Materials Science 27, pp. 1297-1301.	
	A33	Manuel Garcia-Leiner et al., "Processing of Intractable Polymers Using High-Pressure Carbon Dioxide," 2003, ANTEC, pp. 1610-1614.	
	A34	Manuel Garcia-Leiner et al., "A Study of the Foaming Process of Polyethylene with High Pressure CO₂ in a Modified Extrusion System."	
	A35	Manuel Garcia-Leiner et al., "Drawing of UHMWPE Fibers in the Presence of Supercritical CO <sub>2</sub> ."	
	A36	Xiangmin Han et al., "Extrusion of Polystyrene Nanocomposite Foams with Supercritical CO <sub>2</sub> ," June 2003, Polymer Engineering and Science, Vol. 43, No. 6, pp. 1261-1275.	

Applicant is enclosing Form PTO-1449 (three sheets), along with a copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2). As each of the listed references is in English, no further commentary is believed to be necessary, 37 C.F.R §1.98(a)(3). Applicant respectfully requests the Examiner's consideration of the above reference(s) and entry thereof into the record of this application.

By submitting this Statement, Applicant is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other

information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

Applicant has calculated a processing fee in the amount of \$180.00 to be due under 37 C.F.R. §1.17(p) in connection with the filing of this Statement. Applicant has enclosed a check covering this fee, or authorized charging the fee to a deposit account or credit card, as indicated in the Transmittal accompanying this Statement.

Respectfully submitted,

May 5, 2006

Date

awrence G. Almeda (Reg. No.) 46,151



FORM PTO-1449	APPLICATION NO.	ATTORNEY DOCKET NO.
	10/620,832	10114-15
		(WSU 03-636)
LIST OF PATENTS AND PUBLICATIONS FOR	FILING DATE	GROUP ART UNIT
APPLICANT'S THIRD SUPPLEMENTAL INFORMATION	July 16, 2003	1714
DISCLOSURE STATEMENT		
(use several sheets if necessary)	FIRST NAMED INVENTOR: ESIN GULA	ARI ET AL.
	EXAMINER NAME: Kriellion Antionette	Sanders

	EXAMINER INITIALS	Cite No.	DOCUMENT NUMBER Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where, Relevant Passages or Relevant Figures Appear
I		A1	2004/0106720 A1	06/03/2004	JEROME ET AL.	
I	-	A2	2005/0014867 A1	01/20/2005	GULARI ET AL.	

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	A3	DE 198 21 477 A1	11/18/1999	BASF AG		
	A4	DE 100 36 336 A1	02/07/2002	BAYER AG		
	A5	EP 1 247 829 A1	10/09/2002	UNIVERSITY OF LIEGE		

EXAMINER	T T	NON PATENT LITERATURE DOCUMENTS	
INITIAL	(Include sympos	e name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, sium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	Т
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	A7	Tomas Berglof, et al., "Metsulfuron Methyl Sorption—Desorption in Field-Moist Soils," May 2, 2003, J. Agric. Food Chem., Vol. 51, No. 12, pp. 3598-3603.	
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Page 3 of 3

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